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## FLEXIFOLD DOORS AND FOLDING BEDS.

WITH the gradually decreasing size of apartments to dwell in, which is caused by the tremendous congestions of population in our large cities, the ingenuity of the manufacturer of furniture is constantly on the alert to provide household furnishings the chief aim of which is to secure great economy of space, a point of great importance to those who are compelled to dwell in small apartments. The Flexifold Door and Shutter Co., of Worcester, Mass., manufacturers of doors, blinds and winding partitions have recently applied for a patent for a flexifold door that encloses a recess some twelve inches deep in the partition wall, in which is stowed away a folding bed. To thus conceal the bed within the limits of the wall space of

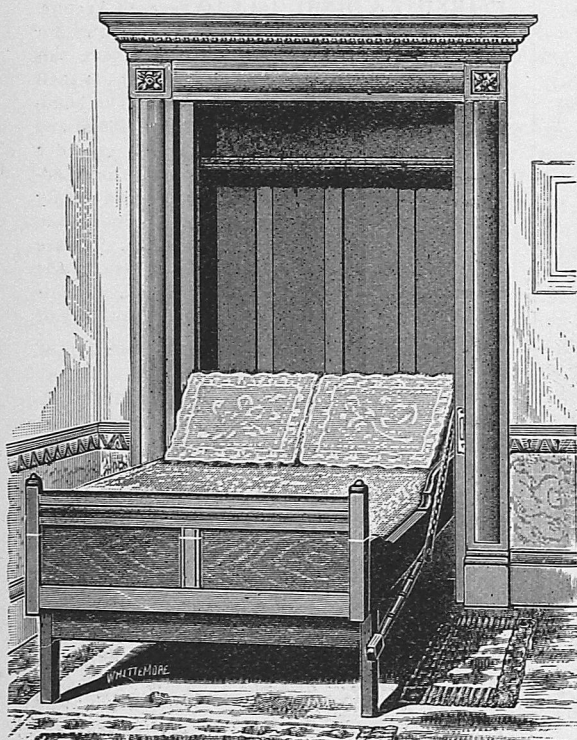
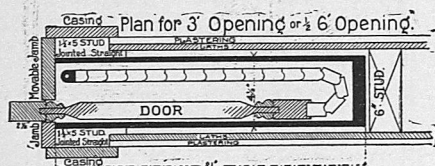


FIG. 1.—RECESS OPEN, WITH FOLDING BED ON FLOOR.

the building is certainly the *ne plus ultra* of bed concealment, and this extraordinary device at one sweep eliminates the bed from the apartment altogether during the day time. Thus any ordinary parlor may be used by night as a bedroom without the visitor by day having the least suspicion of such a device being part of the furnishings of the apart-



ment. Fig. 1 illustrates the bed thrown down upon the floor, which is its position while being slept upon. At the head of the bed is seen the space into which the bed is folded by day. Fig. 2 illustrates this position of the bed very effectively by exhibiting it completely folded up into the wall recess, with one of the flexifold doors drawn out to its full extent. Fig. 3 exhibits both the flexifold doors

meeting in the centre and completely concealing the whereabouts of the bed. Such an arrangement can only be practically carried out by the use of the Flexifold door, which is made to run into the pockets on either side of the door immediately behind the pilasters that decorate the opening. While ventilation and cleanliness are amply provided for, the economy of the device will be apparent to all.

This device is especially desirable for certain rooms in hotels, residences, apartment houses and offices, and is commended by architects as the solution of the difficulty of how to provide space for beds and doors. The Flexible Door and Shutter Company are to be congratulated on the success of this their last device, and those who desire to know more of their doors are invited to send for an illustrated description of the products of this wide-awake company, whose address is 15 Union St., Worcester, Mass., their Boston office being located at 186 Devonshire St. Their doors are handsome, durable and as strong as the ordinary door, and can be securely locked or fastened. As explained, they fold into a small pocket in the window or door frame, and when not in use are concealed from view. They can be easily operated and left in any position required without danger of being affected by the wind—they cannot change position or blow open, or in any way interfere with or damage curtains. They are finished in natural woods, or stained to order, trimmed and hung in boxes ready to be set in position, and as economizers of space, are creating a veritable revolution in interior furnishings. It is usual to run the bottom of the door on a raised brass track, but the latest doors are made to run upon the carpet without injuring same in the least. These substantial qualities have made a success, and their merits have only to be made known to be appreciated.

## THE HARTMAN SLIDING BLIND CO.

THE Hartman Sliding Blind Co., who have carried on operations for years in Wooster, O., finding their facilities inadequate to an increasing business, selected Crestline, O., with its shipping facilities and various other inducements, as the location of their new plant. They are now erecting a modernized and improved mill and other buildings. The main building is 136 feet long by 114 feet wide, in the shape of an L, two stories high. There are also a large brick engine room, the latest improved dry kilns and out-buildings of various sizes. They intend to equip the mill with all the latest and most approved wood-working machinery that can be secured, 70 horse-power boiler and engine, with 114 feet of line shafting. They have extensive yards also near the Union depot of the Big Four and Pennsylvania Road. Mr. J. B. Hartman, the patentee of the Hartman Patent Sliding Window Blind, is the senior member of the firm. It is not yet fully decided whether it will be organized into a stock company, or simply an association of partners. They expect to invest \$30,000 to \$40,000 in the plant to start with. The manufacture of the Hartman Sliding Blind will be the chief business, together with a general lumber trade, and the manufacture of sash, doors and blinds.

Crestline affords the company shipping facilities and rates which they have not been able to secure at Wooster. The Pennsylvania Co. has undertak-

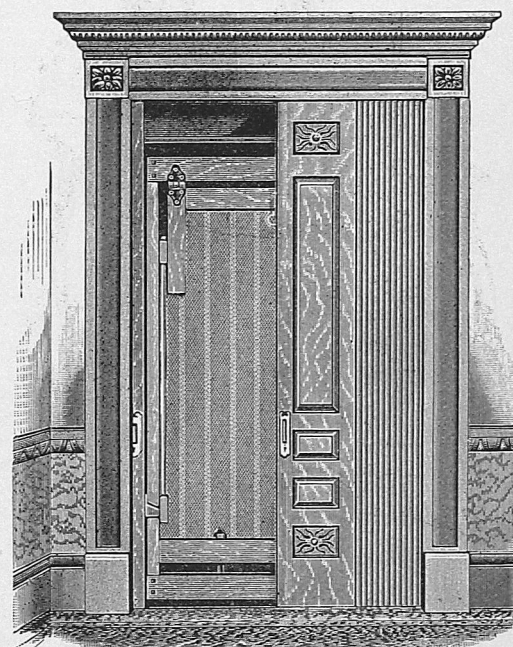


FIG. 2.—BED FOLDED UP IN RECESS, AND ONE OF THE FLEXIFOLD DOORS CLOSED.

ing extensive improvements at Crestline, investing large sums in shops and equipment. The town being at the end of a division between Pittsburg and Ft. Wayne will be the resident place of a large number of railroad officials and employees, all trains stopping there for change of engines, etc. The water works supply is excellent and the protection against fire unusually perfect. A number of good factory sites are yet unoccupied.

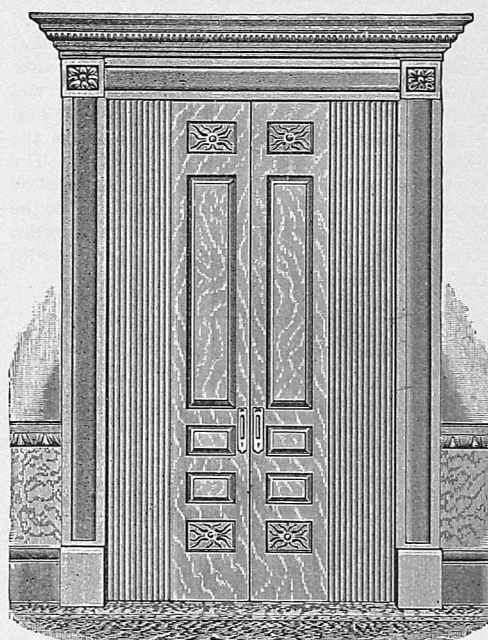


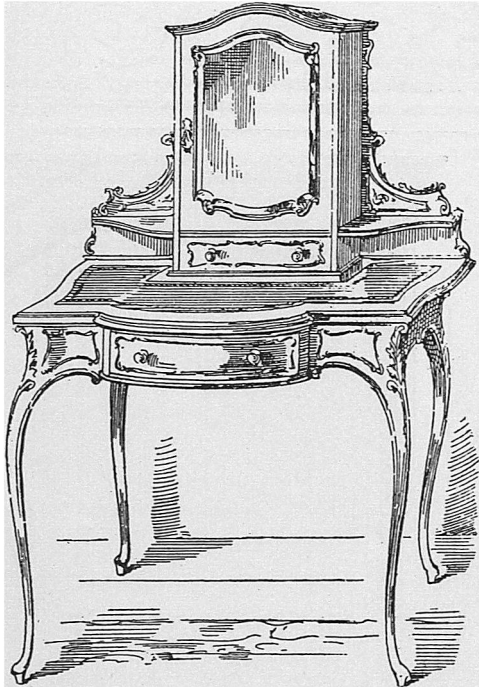
FIG. 3.—BOTH FLEXIFOLD DOORS CLOSED.

## BOILER PITTING CURED BY GRAPHITE AND OIL.

IN the *American Machinist* of July 28, Mr. T. T. Parker has a very interesting column article regarding pitting in boilers. Besides some clever theories, he has this to say from a practical point of view:



"A boiler of the porcupine persuasion pitting was found in the mud drum. Acting under advice, the drum was cleaned and scraped, after which it was painted with graphite mixed with cylinder oil. Measurements of the depths of the pits were taken,



LOUIS SEIZE WRITING TABLE.

and six months after they were found no deeper, and no new ones had shown up. Other parties have since tried this experiment in mud drums, but it is too early as yet to give the result. However, knowing the character of plumbago, if the interior of a boiler could be painted with it in such a way that it would stay, it may be this would prove a remedy. I am satisfied, also, that the person doing so would kill two birds with one stone, as the scale could be easily detached. In a pair of cylindrical boilers 42x28 occasional applications of cylinder oil (mineral) and plumbago has kept back corrosion on a trial of six months. Boilers were new when plumbago was used. The boilers which the new ones replaced were thrown out rotten from corrosion. The feed was mine water as nothing else could be had."

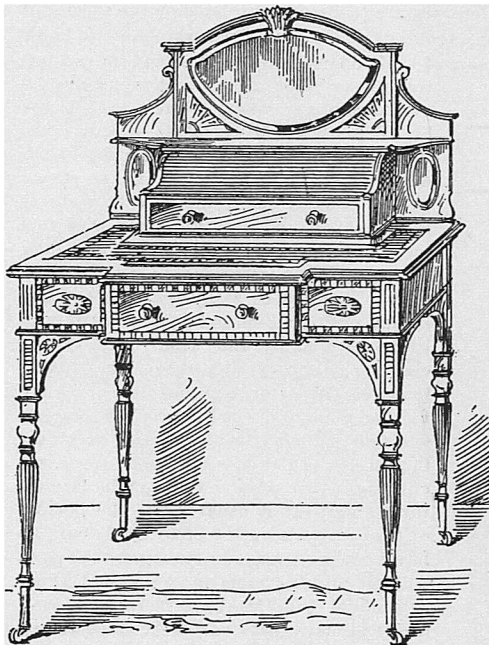
In addition to Mr. Parker's remarks, we add that Messrs. Harig, Koop & Co., Louisville, Ky., after experiencing more or less trouble from rust and scale in the mud drums of their boilers, applied with great success graphited oil, purchased from the Joseph Dixon Crucible Company, Jersey City. The mud drums were cleaned out and the graphited oil applied with swab, brush or anything handy to the joints and parts where the water enters the drums. Every four or six weeks this process is repeated with the most gratifying results.

#### C. H. MEDICUS & CO.

WE recently had the pleasure of visiting the extensive furniture factory and showrooms of C. H. Medicus & Co., Nos. 38 to 46 Ross St., Brooklyn, N. Y. The factory is an immense brick building five stories in height, and here all the processes connected with the manufacture of parlor furniture of the firm, as well as the folding bed business of Medicus, Burrell & Co., an associate firm. There are in all about 200 employees engaged not merely in cutting, carving and shaping the framework, but also in upholstering, polishing, finishing and gilding, the various articles of high-class taste put out by the firm.

In the showrooms on the fifth floor are located the latest designs manufactured, or in course of production, and there is a fine display of parlor furniture exhibiting almost every variety of overstuffed and framework goods, ranging from the low priced to the most splendid accessories of the parlor and

drawing-room. Three and five piece suites are being manufactured, that are dainty creations of the furniture worker and upholsterer. The three piece suites consist of a divan, with two side chairs, and the five piece suites have a divan, sofa, two armchairs, and two side chairs, brilliantly upholstered in brocades and brocatelles, in bright blues, terra cottas, soft greens, lavender and ivory hues. It is no longer the fashion to supply the old time regulation parlor suite, consisting of sofa, armchair, lady's rocking chair and six side chairs to match. The demand nowadays is chiefly for three piece suites consisting of a sofa and two side chairs, which leave room in the parlor for the introduction of the occasional table, gold parlor cabinet, fancy armchair, or corner chair, or perhaps a conversation chair. In this way a greater variety is secured, the entire outfit not exceeding in price what was demanded for the old time regulation suite. All such articles are made by the firm. Their line of gold parlor cabinets, lined with silk velvet, the panels of door and sides being filled with plate glass, and their gold occasional chairs and ottomans covered with flowered tapestry, are just the things to captivate the eyes of the gentler sex.



SHERATON WRITING TABLE.

Their parlor tables are in cherry, primavera, mahogany, and mahogany with inlaid marquetry, and they may be used for the reception of books, lamps, or choice bric-a-brac, or as work tables, as fancy may dictate. The firm manufactures a line of solid wood back easy chairs, which are extremely substantial, and on which bold and vigorous carving is presented in well defined shapes. Their line of library chairs have equally substantial oak frames, which are beautifully carved, and upholstered in tan or dark olive leathers, the work as a whole being extremely solid, and its durability unquestionable.

They have many reproductions of that excellent article known as the Morris chair, with adjustable back. As the firm does all its own upholstering, etc., the work is of a high-class description, and we recommend any of our readers who may be in New York in search of parlor, hall or library furniture, to cross over to Ross St., Brooklyn, where they will find a line of goods lifted out of the common place by the originality and refinement displayed in the details of the handsome and practical line of goods created by C. H. Medicus & Co.

#### A TRAVELING SCHOLARSHIP.

PHILADELPHIA is to have, through the efforts of the University of Pennsylvania Architectural School, "a traveling scholarship in architecture," similar to the Rotch Traveling Scholarship in Boston, which will give to one promising draughtsman

every spring a year's travel and study in Europe. The plan is one which has been much discussed in the Art Club and the T-Square Club, as well as among Philadelphia artists and architects generally, but the University is the first to take any definite action.

The trustees have given their sanction to the plan, and the subscription lists to raise the \$20,000 necessary to yield the \$1,000 yearly income will be started at once.

The competition for the prize will be open to any draughtsman residing in the State of Pennsylvania and if possible the examination and award of the first scholarship will be held in the spring.

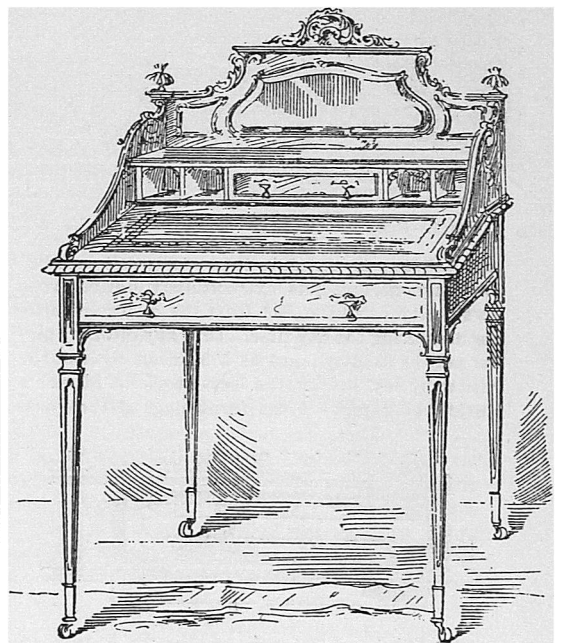
Professor Laird says: "This is not a new idea for Philadelphia but one which promises a great deal. The Rotch Traveling Scholarship, of Boston, founded nine years ago, has developed several young men now among the leading architects of Boston, and other scholarships similarly founded, have been equally successful. There are now two in Boston and two in New York, the latter being in connection with Columbia College. The stimulus which this scholarship will offer to the young draughtsmen of Philadelphia and Pennsylvania cannot be estimated."

#### BARNUTZ & DIEHL.

BARNUTZ & DIEHL, 143 & 145 Seventh Avenue, New York, who are so favorably known for their successful specialties in furniture, have this season materially added many fresh designs to their fine line of leather and rusk seat chairs. The handsome and comfortable forms of the Colonial and other patterns, for which this firm has gained a reputation all over the country, are very much admired. In mahogany tables they have a large variety of new designs, which are peculiarly appropriate in the furnishing of well appointed parlors. We are pleased to learn that a decided increase in the volume of their business is shown this fall, which is a direct endorsement of the merit and popularity of their work.

#### LITERARY NOTICES.

*The Dry Goods Economist* has issued a gorgeous edition for their September 10 issue entitled the "Columbian Edition, Fall, 1892." The cover is emblazoned with a lithograph, in colors, surrounded



CHIPPENDALE WRITING TABLE.

with a border in gold. The articles on "Women's Wear," "Wide-awake Retailing," "Japan's Textile Industries," "Color Laws in Dry Goods" are very interesting as well as full of information. The trade is presented with a complete list of everything spe-